

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Original) An engine control system suited for use with an engine that outputs electrical power to a local load and is electrically connected to an electrical grid, the engine control system comprising:
 - a set point control operable to set an engine power output value;
 - a sensor operable to measure an electrical parameter between the engine and the electrical grid; and
 - a master control system operable to maintain the engine electrical power at about the engine power output value, the master control system also operable to vary the engine power output value to maintain the electrical parameter above a non-zero predetermined value.
2. (Original) The engine control system of claim 1, wherein the engine includes a combustion turbine that drives a synchronous generator.
3. (Original) The engine control system of claim 1, wherein the sensor is a current sensor and the electrical parameter is a flow of current between the electrical grid and the engine.
4. (Original) The engine control system of claim 3, wherein the flow of current passes in one of a first direction and a second direction.
5. (Original) The engine control system of claim 3, wherein the master control system varies the engine power output value to maintain the absolute value of the flow of current above 100 amps.
6. (Original) The engine control system of claim 3, wherein the master control system varies the engine power output value to maintain the absolute value of the flow of current above 500 amps.
- 7-30. (Canceled)